
0600Rc--Nancy Foster Cruise AUG 1-10 2010

****DATA SOURCE****
Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data. The following SDGs (QC Batches) have been incorporated into the database: 1009043, 1009050, 1011066, 1011067, 1011068, 1011069. Data were also compiled from the following Columbia Analytical Services lab electronic data: K1109853. The data sets were for samples collected from Nancy Foster Cruise AUG 1-10 2010.

****DATA COLLECTION PURPOSE****
Natural Resource Damage Assessment

****DATA USE QUALIFICATION****
Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****
The data include surface sediment and tissue chemistry data.

****STATION****
StationIDs are based on the Location in the NOAA Field Sampling database (Location Code/Sample Notes), reported in the NAD83 datum.

****SAMPLES AND REPLICATES****
The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field.

Sediment samples have the prefix letter of "S" and tissue samples have the prefix letter of "T." The tissue type was embedded in the SampleID (L for liver and M for muscle). Whole body samples have no additional sampleID coding.

The default labrep code was "1A." Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

One analyte was reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX") The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX"). The following chemcode/analytes was measured using two methods:

HOP/ Hopane
Methods: Steranes and Triterpanes | 8270M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M. The results for Steranes and Triterpanes | 8270M were assigned labrep "1AX"

Alpha Lab Analytical Methods:
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)

Inorganics Lab SOP | SOP OP-015 (abbreviated as Lipids)
Inorganics Lab SOP | SOP OP-015 Rev. 3 (abbreviated as Lipids Rev3)
Inorganics Percent Solids Determination - 2540G - SOP W-001 Rev 3 (abbreviated as 2540G - Total Solids (Rev3))
Inorganics Percent Solids Determination | SM2540G | SOP W-001 Rev. 5 (abbreviated as 2540G - Total Solids (Rev5))
Steranes and Triterpanes | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Steranes&Triterpanes)
Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)
Triaromatic Steroids | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Triaromatic Steroids)

****SUMMED PARAMETERS****
No sums were calculated and appended to the data set.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****
The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identifed by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. If the sample was not subjected to silica gel cleanup; it was suggested that the results represented "Total Extractable Matter (C9-C44)". If the sample was subjected to silica gel cleanup; it was suggested that the results represented "Total Extractable Hydrocarbon (C9-C44)". These chemical code/chemical name modifications made by the validators were used to report the original total petroleum hydrocarbon results in the final chemistry tables.